ADVANCES IN COLLOID AND INTERFACE SCIENCE

CONTENTS OF VOLUME 32 (1990)

Sequential polymer adsorption: Competition and displacement process
M. Kawaguchi (Mie, Japan) 1
A review of the modelling of sorption from aqueous solution
A. Haworth (Harwell, United Kingdom) 43
Knowledge about polymer surfaces from contact angle measurements
M. Morra, E. Occhiello and F. Garbassi (Novara, Italy) 79

Book Review 117

Special Issue: Applications of New Trends in Colloid and Surfactant Science. Lectures presented at the Congress on Applications of New Trends in Colloid and Surfactant Science, Torino, Italy, 5–8 June 1989

Preface 121
Fascinating phenomena in surfactant chemistry
H. Hoffmann (Bayreuth, F.R.G.) 123
Application of scattering techniques in the domain of amphiphiles
M. Corti (Pavia, Italy) and L. Cantú (Milano, Italy) 151
Applications of amphiphilic association structures
S.E. Friberg (Potsdam, NY, U.S.A.) 167
Nonionic polymers and surfactants — some anomalies in temperature dependence and in interactions with ionic surfactants
B. Lindman, A. Carlsson, G. Karlström and M. Malmsten (Lund, Sweden) . . . 183
Disperse systems in pesticidal formulations
Th.F. Tadros (Bracknell, United Kingdom) 205
Application of small angle neutron scattering to micellar fluids
E. Caponetti and R. Triolo (Palermo, Italy) 235
The role of colloidal particles in the photodegradation of organic compounds of environmental concern in aquatic systems
E. Pelizzetti (Parma, Italy), C. Minero and V. Maurino (Torino, Italy) 271

End of special issue papers

Protein and detergent interaction phenomena on solid surfaces with gradients in chemical composition
H. Elwing (Linköping, Sweden) and C.-G. Gölander (Stockholm, Sweden) . . . 317
Interactions of lipases with lipid monolayers. Facts and questions
G. Piéroni (Marseille, France), Y. Gargouri (Sfax, Tunisie), L. Sarda and R. Verger (Marseille, France) 341